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CATALOGUE

OF THE

MEDICAL SCHOOL OF MAINE

THE MEDICAL DEPARTMENT

OF

BOWDOIN COLLEGE

FOR THE NINETY-THIRD YEAR

1912 1913

BRUNSWICK, - MAINE

PRINTED FOR THE COLLEGE, MDCCCCXII

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BRUNSWICK, MAINE

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Students in 1911-12.

FOURTH YEAR

Name	Residence
Bennett, Roland Joseph	Dover, N. H.
Brown, Freeman Fletcher	Vinalhaven
Buck, George Henry, A.B.	Harrison
Hammond, Walter Jean, A.B.	Howland
Lente, Harry Hallock	Franklin, Mass.
Merrill, Clyde Harold	Auburn
Perkins, Franklin Aborn, M.D.	Madbury, N. H.
Pratt, Harold Sewall, A.B.	Farmington
Rosen, William	New Bedford, Mass.
Scamman, Clarence Linwood	Hartland
Stanley, Oramel Henry, A.B.	Fryeburg

THIRD YEAR

Name	Residence
Arey, Harold Carleton, A.B.	Camden
Coombs, Wyvern Almon	Vinalhaven
Gould, Carlisle Royal	Biddeford
Hanscom, Ridgely Fernald	New London, Conn.
Hendee, Walter Whitman	Augusta
King, Elmer Henry, A.B.	Syracuse, N. Y.
Lippincott, Leon Stanley, A.B.	Augusta
McNeil, Harry Daniel	Bangor
Moulton, Albert Willis, A.B.	Portland
Roberts, Edward Russell	Portland
Ross, Harold Danforth	Phillips
Scribner, Herbert Charles	Bangor
Sullivan, Philip Sheridan	Biddeford
Trickey, Winfield Benjamin	East Corinth
Walker, Francis David	Waterville

Medical School of Maine

SECOND YEAR

Name	Residence
Bickmore, Harold Vincent, A.B.	Augusta
Buck, William Edgar	Portland
Cartland, John Everett, A.B.	Lisbon Falls
Collins, Frank LaForest	Oakland
Echols, Francis Sherman	Hartford, Conn.
Faulkingham, Ralph James	Waterville
Fogg, Charles Eugene	Portland
Gordon, Isaac Lewis	Lincoln
Gray, Carl Dinsmore	Madison
Johnson, Alfred Wellington	Augusta
Johnson, George Harold	Augusta
Mikelsky, Benjamin Myer	Bath
Miller, Hudson Russell	Lewiston
Moulton, John Henry, A.B.	Limington
Perkins, Roy Stanley	Madbury, N. H.
Peters, Clinton Noyes, A.B.,	Portland
Regan, Edward Francis.	Marlboro, Mass.
Robinson, Harrison Leonard, A.B.	Bangor
Skillin, Waldo Thompson, A.B.	Hallowell
Sturtevant, James Melvin, A.B.	Dixfield
Weeks, DeForest, A.B.	Cornish
Williams, James Albert, A.B.	Topsham

FIRST YEAR

Name	Residence
Alden, Augustus Elihu	Woodfords
Anderson, William DeLue	Portland
Barrett, Ralph Lester	East Sumner
Blaisdell, Elton Randolph	Brunswick
Clark, Raymond Willis	Egypt
Dalrymple, Sidney Cullingwood	Medford, Mass.
Dennett, Carl George	Saco
Doten, Harold Linwood	Lewiston
Driscoll, Cornelius James	Woodfords
Goddard, Claude Albert	Bethel
Hale, Herbert Francis, A.B.	New Sharon
Hamilton, Holland George	Brunswick
Hutchins, Eugene Leslie	New Portland
Johnson, Linwood Hill	Portland

Students

Name	Residence
Kateon, Fred Lincoln, A.B.	Bath
Kern, George Cragin, A.B.	Woodfords
Kimball, Philip Albert	Tamworth, N. H.
Kinghorn, Charles Wesley	Yarmouthville
Leavenworth, William Satterlee	Gales Ferry, Conn.
Lombard, Herbert Luther, A.B.	Bridgton
McFarland, Lawrence, A.B.	Woodfords
Mansfield, Burleigh Burton	South Hope
Melaugh, William Birchman, A.B.	Portland
Morrill, Berton Charles	Augusta
Nutter, Ralph Willis	Alfred
O'Connor, William John	Augusta
Parcher, Arthur Hale, A.B.	Ellsworth
Pillsbury, Nahum Roy	Biddeford
Pletts, Robert Cole	Brunswick
Philbrook, Wendall Otis	Greene
Sylbert, Antoine Raoul	Geneva, Switzerland
Smith, Frank Arthur, A.B.	Calais
Tibbetts, George Alton	Brunswick
Twaddle, Gard Wilson	Bethel
Woodcock, Allan, A.B.	Bangor

SUMMARY

Fourth Year	11
Third Year	15
Second Year	22
First Year	35
Total	83

GRADUATES OF 1912.

Roland Joseph Bennett	Dover, N. H.
Freeman Fletcher Brown	Vinalhaven
George Henry Buck, A.B	Harrison
Walter Jean Hammond, A.B.	Howland
Harry Hallock Lente	Franklin, Mass.
Clyde Harold Merrill	Auburn
Harold Sewall Pratt, A.B.	Farmington
William Rosen	New Bedford, Mass.
Clarence Linwood Scamman	Hartland
Oramel Henry Stanley, A.B.	Fryeburg
Harold Williams Stanwood, A.B.	Rumford

Announcement.

The Medical School of Maine was established by the first Legislature of the State and was placed under the control of the Boards of Trustees and Overseers of Bowdoin College.

Its course of instruction covers four years of thirty-six weeks each. The studies are distributed as follows:

First Year: Anatomy, Embryology, Histology, Physiology, Chemistry, Personal Hygiene.

Second Year: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

Third Year: Medicine, Surgery, Materia Medica and Pharmacology, Public Hygiene, Diseases of Women, Obstetrics, Diseases of the Skin, Eye, Ear, Nose, Throat and Genito-Urinary System.

Fourth Year: Medicine, Surgery, Orthopedic Surgery, Therapeutics, Medical Jurisprudence, Medical Ethics, Diseases of Children, Neurology and Mental Diseases, with clinical instruction in the studies of the third year.

The students of the first and second years are instructed at Brunswick, where the school has been situated since its foundation in 1820, and where the scientific departments of Bowdoin College contribute facilities for teaching the primary branches. The third and fourth year classes are taught in Portland on account of the clinical advantages afforded in that city.

As heretofore, the Maine General Hospital (140 beds) will furnish clinical opportunities. Other institutions in Portland, including the Maine Eye and Ear Infirmary, the Children's Hospital, the City Hospital, the Marine Hospital, the Portland Tuberculosis Class, the Female Orphan Asylum, the St. Elizabeth's Orphan Asylum, the Holy Innocents' Home, the

General Statement

Maine School for the Deaf and the Maine School for the Blind will continue to contribute to bedside instruction of the students. The contracts call for the completion of the Edward Mason Dispensary before the beginning of the school year, 1912-13. This Dispensary is a gift to Bowdoin College from Mr. and Mrs. Hugh J. Chisholm. It will increase notably the facilities for clinical teaching.

The expenses of maintenance of this school are defrayed in greater part by the income from invested funds, especially from the Merritt-Garcelon bequest. A large number of students is neither expected nor desired. Modern methods in medical education demand individual instruction. The Boards of Bowdoin College and the teachers in the Medical School of Maine believe that the record of long and honorable service, which the school has secured, can be maintained best, if the number of students is small, and the standard of teaching is high.

The ninety-third annual course will begin on Thursday, the 17th of October, 1912, and will continue thirty-six weeks.

Examinations for admission to the school will be held at nine o'clock on the morning of the first day, Thursday, the 17th of October, in Brunswick.

Final examinations for each class will be held in the period from the 11th to the 25th of June, 1913, inclusive.

Re-examinations, deferred examinations and examinations for advanced standing for those who desire to enter the second year will be held in Brunswick on Friday, the 18th of October. Examinations in anatomy at eight o'clock A. M., in physiology at two o'clock P. M.

Re-examinations, deferred examinations and examinations for advanced standing for those wishing to enter the third year will be held in Portland on Saturday, October 19th. Examinations in anatomy at nine o'clock A. M., in physiology at two o'clock P. M.

Re-examinations, deferred examinations and examinations for

those wishing to enter the fourth year will be held in Portland on Friday and Saturday, October 18th and 19th, at hours to be hereafter appointed.

At the end of the first, second and third years, students who have passed successful examinations will receive certificates from the Secretary.

A student who fails to pass any branch at the required examination in June, may present himself for re-examination at the beginning of the next course. If he fails at this examination he shall not again be examined in that branch until the expiration of the year, unless admitted to conditions by vote of the faculty on recommendation of the head of the department in which he has failed.

On recommendation of the head of a department, any student who has failed on examinations as above provided in the study of that department, may by vote of the faculty be allowed to enter upon the work of the next year, but he shall not be admitted to any examination of that year until he shall have passed a satisfactory examination in the study or studies which he had previously failed to pass.

No student will be admitted to the privilege of conditions if he has failed in more than two departments.

Every student who fails to maintain a satisfactory standard of work, will be warned of his deficiency from time to time, before the end of the term.

An examination which is not complete receives no consideration.

The systematic course of instruction will begin on Monday morning, the 21st of October, 1912.

On arriving in Brunswick students should apply to the Deputy Dean, Dr. F. N. Whittier, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purpose.

Expenses

EXPENSES.

For Instruction: In each of the required four years $100. This shall be paid promptly one-half at the opening of the course and the balance at the beginning of the second half of the course.

For Examinations: Payable at the close of the term of instruction,

In Anatomy	$5.00
In Physiology	5.00
In Chemistry	5.00
In Bacteriology and Pathology	5.00
In Obstetrics	5.00

These five fees are credited on the diploma or graduation fee.

For every re-examination in any of the departments in any year, $3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of $5.00 must be paid in addition to the prescribed fee for that examination.

Miscellaneous: The Matriculation fee of $5.00 is required of every student each year.

For materials used in the chemical laboratory courses, $3.00 for first course, $2.00 for second course, payable in advance.

For materials used in the physiological laboratory, $2.00 for first course, $1.00 for second course, payable in advance.

For anatomical material, its cost, payable in advance.

For graduation fee (not returnable), including the parchment diploma, $25. This will have been paid in the examination fees of the previous years.

ADMISSION.

The Board of Trustees and Overseers of Bowdoin College by recommendation of the Faculty have voted that in and after 1912 one year of study in a reputable college will be required for admission to the Medical department, in which time particular at-

tention shall be bestowed upon physics, chemistry, biology, and either French or German. It is advised that students take two years of college work along the same lines.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

Time spent in pharmaceutical, dental and veterinary institutions does not entitle a student to examinations for advanced standing.

GRADUATION.

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution, and the last course previous to examinations must have been in this school. He must present a satisfactory certificate of good moral character from a citizen of the town in which he resides. He must also pass a satisfactory examination in the required studies previously specified and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

COURSES OF INSTRUCTION

ANATOMY

PROFESSOR TOBIE, ASSISTANT PROFESSOR DYSON AND DOCTORS ELLIOTT, DRUMMOND, HOLT, AND STEVENS.

The course in this branch extends over two years and covers every portion of human anatomy with special reference to its application in the practice of medicine and surgery. In the class room every part of human anatomy is taken up by systems as arranged in Gerrish's Text-Book. Some subjects are treated by lectures and many by demonstrations, but the greater part of the work consists of recitations and demonstration quizzes.

First year students study osteology, arthrology, myology, and visceral anatomy, including the study of the cerebro-spinal axis and organs of the special senses. Second year work includes myology, the remainder of systematic anatomy and relational anatomy. The class-room work is made valuable by the exhibition and demonstration of dissected parts, models and casts, and from time to time students are required to present drawings of different organs. Considerable attention is also paid to surface anatomy, which is studied on the living model. The total number of hours devoted to class-room work in gross anatomy in two years' time is one hundred and seventy-four, including thirty hours of osteology.

First year students devote one hundred and thirty-five hours to practical anatomy and dissect at least one part of the cadaver. Second year students dissect in the second half term and spend two hundred and seventy hours in the anatomical laboratory. For this purpose a period of six weeks is reserved, during which they devote their entire time to practical anatomy and are re-

quired to dissect and demonstrate at least a complete lateral half of the human body. The supply of dissecting material is adequate and the methods and facilities for preparing and preserving it are modern and of the best.

The Anatomical Museum contains a large number of dry preparations, specimens, casts and models, including Auzoux's complete model of a man, the gift of Hon. John Fremont Hill, Ex-Governor of the State of Maine and an alumnus of 1877. The museum is rich in osteological material and disarticulated skeletons are loaned to the students of the first year, remaining in their possession until the end of the term.

At the end of each year, students are required to pass a written and an oral examination. Practical examinations in the iden-identification of gross structures are held in the laboratories.

PHYSIOLOGY

PROFESSOR SMITH, DOCTOR BOLSTER, DOCTOR STEVENS.

First Year. Functions of Nutrition.

Recitations and lectures until December 2nd. From December 2nd to March 30th, laboratory work twice weekly from 8 to 10.30 A. M., a total of 88 hours, under direction of Dr. Bolster.

This course will include the graphic study of Nerve-Muscle physiology; the physical and microscopical study of Blood; the phenomena and physics of Circulation, Respiration, Secretion, Excretion, and Digestion; Metabolism and Animal Heat.

The laboratory is equipped with a set of Harvard apparatus sufficient for the use of the entire class in groups, each group having its own complete outfit. There is an ample equipment of demonstration and other apparatus, and models.

There are frequent written reviews and quizzes and a final laboratory examination is held at the close of this course.

Second Half-Term. Recitations and supplementary lectures and demonstrations twice weekly from 8.15 to 10.30 A. M.

PROFESSOR SMITH

Second Year. Functions of Relation.

From opening of term to March 30th recitations and lectures with necessary demonstrations twice weekly 8.15 to 10.30 A. M.

The work includes the study of Reproduction; the Nervous System; the Physiology of Voice and Speech, the Special Senses, and the mechanics of the Muscular System. The equipment in models of the Nervous System and Special-Sense organs is ample for all demonstration work, and students will have opportunity for personal study of the models of the Nervous System which are of the latest design and of special excellence.

On Mondays, during January, February and March, from 8 to 11 A. M., there will be laboratory demonstration exercises, in connection with the Nervous System and the Special Senses, under direction of Professor Smith and Doctor Stevens. This course will cover 30 hours.

Work in Physiology for the Second-Year Division is suspended for the six weeks of the dissecting term and resumed for review recitations at its close.

Instruction in the department of Physiology will be conducted with particular reference to the practical application of the facts of human physiology to the needs of the student in his study of the diagnosis and treatment of disease.

A laboratory fee will be charged to defray the cost of material, which fee must be paid at the office of the Deputy Dean before beginning the laboratory course. This fee is $2.00 for the First year and $1.00 for the Second year. Students furnish at their own expense necessary instruments for nerve-muscle dissection, and are charged with the cost of loss and injury to apparatus.

CHEMISTRY

PROFESSOR CRAM AND DOCTOR LOOMIS.

1. Analytical chemistry. First half-year: Monday, Wednesday, Friday, 1.30-4.30.

This course is given to first year students, and assumes a knowledge of first year chemistry which is required for entrance. The aim of the course is not so much to train analysts as to impart familiarity with chemical substances and

principles. The work is mainly in the laboratory, the book used being Tower's "Qualitative Chemical Analysis." Most of the time is devoted to qualitative analysis which is followed by a few exercises in quantitative.

2. Organic chemistry. Second half-year; same hours, except that the Wednesday hours are omitted for the six weeks following the Easter recess.

The course is given mainly by lectures with some laboratory work in the preparation of certain organic compounds. Attention is given to the important classes into which organic compounds are divided and to properties and reactions common to the whole class, rather than to specific compounds and special reactions. The compounds chosen to illustrate each class are as far as possible those of importance to the physician.

3, 4. Physiological chemistry. Whole year; Thursday, 8.30-12.30, except for the six weeks following the Easter recess.

The book used is Hawk's Practical Physiological Chemistry. The work is mainly in the laboratory, supplemented by assigned readings and quizzes. This is followed by urinary analysis, the analysis of foods, detection of poisons, and the analysis of drugs and medicines.

First year men who have had satisfactory courses in analytical chemistry and organic chemistry, take the regular work in physiological chemistry with the Second year men their First year. In their Second year such men will be given an opportunity to do advanced individual work in the newer methods of urinary analysis and in research. Men desiring to be excused from either first year course should present certificates from previous instructors stating the rank which they have received.

The aim is to make the chemical courses as practical as possible. To this end the student is taught how to construct apparatus and prepare reagents as well as use them. Particular attention is given also to the literature so that a man may become familiar with the standard works of reference in each department. For this the equipment of the Searles Science Building is fully adequate.

Each student is required to pay in advance at the office

of the Deputy Dean a laboratory fee, covering the average cost of chemicals, gas and water. This is $3.00 for the First year and $2.00 for the Second year. In addition each will pay for apparatus broken or not returned at the end of the term.

OBSTETRICS

PROFESSOR MCDONOUGH AND DOCTORS SMALL, HATCH, EVERETT AND MOORE.

1. Lecture or Conference. Monday and Friday, 9-10. PROFESSOR MCDONOUGH

2. Quiz. Tuesday, 9-10. DR. SMALL

3. Section work on manikin. Hours to be assigned. DR. EVERETT.

4. At Dispensary. Examinations of patients to determine position and pelvic measurements, and attendance on cases, under direction of Drs. Everett and Moore.

5. At Temporary Home. Attendance on cases, under direction of Dr. Hatch.

6. Arrangements have been made with the Boston Lying In Hospital whereby students who have passed examination in obstetrics at end of Third year, will attend course of ten days or two weeks during summer or fall. If assignments come during school term, credit for attendance is allowed those absent in Boston. There is no added expense. Students must present certificates of attendance on at least six cases (the average number is ten) before presenting themselves for graduation.

PATHOLOGY, BACTERIOLOGY AND HYGIENE

PROFESSOR WHITTIER AND DOCTORS WEEKS, FULLER AND STEVENS.

1. Hygiene. Lectures and laboratory work. Second half-year: Thursday, 1.30 to 4.30; Saturday 1.30 to 3.30, except six weeks following the Easter recess.

This course is given to first-year students and occupies

five hours a week for nine weeks. Eighteen of the hours are didatic and twenty-seven are laboratory work. Lectures are given on personal hygiene and include such subjects as exercise, ventilation, sources of food and water supply, first aid in emergency cases, effects of alcohol, and sex hygiene. The course is also designed to give an introduction to Bacteriology and includes introductory lectures on that subject. The laboratory work includes simpler bacteriological technic, microscopical examination of foods, practical experiments in disinfection and routine examinations of water and milk.

2. Bacteriology. Lectures and laboratory work. First half-year until Christmas recess: Monday, Tuesday, Wednesday, and Friday, 1.30 to 5.30.

This course is given to second-year students and occupies sixteen hours a week for nine weeks. Forty of the hours are didactic and one hundred and four are laboratory hours. Students are required to prepare most of the media and solutions used in this course. Each student is required to cultivate upon media twelve varieties of pathogenic bacteria and to study their characteristics. Animal inoculations and autopsies are performed by the students. Special attention is given to laboratory diagnosis of tuberculosis, diphtheria and typhoid fever.

3. General Pathology, including Pathological Histology, also Pathology of the Blood. From Christmas recess to the end of the year excepting the first six weeks following the Easter recess: Monday, Tuesday, Wednesday and Friday, 1.30 to 5.30.

This course is given to second-year students and occupies sixteen hours a week for fifteen weeks. Sixty of the hours are didactic and devoted to quizzes and lectures and one hundred and eighty are laboratory hours. McFarland's text-book is used as a basis for this course. The text-book is supplemented by lectures on special subjects. As far as possible the consideration of a subject in the class-room is followed by a study of the same subject in the laboratory. Much time is given before the Easter recess to diagnosis work upon the microscopical preparations. The last two weeks of the course are devoted largely to the study of the

pathology of the blood and the technic of blood examinations. Students are trained in counting red and white corpuscles, in estimating amount of hemoglobin, in preparation and examination of stained specimens.

4. Clinical Pathology. A course for third-year students. Practical work by assignment in the Portland hospitals and in the school laboratory. Also scheduled work in the school laboratory from the Easter recess to the end of the year: Tuesday, 2 to 5 and Wednesday, 2 to 4.

This work occupies five hours a week for nine weeks. Fifteen of the hours are didactic and thirty are laboratory hours. The course in Clinical Pathology occupies at least eighty hours. Of these only forty-five are scheduled.

Arrangements have been made with the Maine General Hospital, the Maine Eye and Ear Infirmary and Edward Mason Dispensary for third-year students to do pathological work in these institutions. Regular assignments are made and reports of work done required. By arrangement with the physicians in charge special attention is given to the clinical side of this work.

Instruction is given as opportunity occurs at surgical clinics and autopsies. In the work at the Medical School building each student examines microscopically tissues and other pathological material obtained at the Maine General Hospital, Maine Eye and Ear Infirmary, Children's Hospital and Edward Mason Dispensary. Whenever possible students are required to obtain material from the patients.

Students receive special training in the technic of preparing bacterial vaccines, also in performing the Wassermann test for syphilis.

MEDICINE

PROFESSOR THAYER, ASSISTANT PROFESSOR KEATING, AND DOCTORS WEEKS, BURRAGE, GEHRING, WELCH AND FOLSOM.

1. A preliminary survey of the whole field of Practice of Medicine as covered in the text-book of Osler. Three hours a week. PROFESSOR THAYER

2. Practical instruction in physical examinations. Sections. Dispensary. Six hours a week.

Doctors Burrage and Gehring

3. Clinical Diagnosis. Sections. City Hospital. Two hours a week. Professor Thayer

4. Tuberculosis clinic. Dispensary. Sections. Tuesdays, 11 to 12. Doctor Welch

Courses 1, 2, 3 and 4 are given to students of the third year. They aim to teach a practical technique in the making of succinct case-histories, in the physical examination of patients, and in the laboratory study of blood, stomach-contents, faeces, urine and sputum.

In the fourth year, courses 5, 6, 7 and 8 are intended to teach each student to sift his facts,—to correlate the subjective symptoms related by the patient with his own objective findings after examination,—and to reason soundly in the direction of prognosis and treatment.

5. Bedside and laboratory study in wards. Maine General Hospital. Sections. Ten hours a week.

Assistant Professor Keating and Doctor Weeks

6. Instruction in specially assigned topics. Case reports. Clinical conferences. Two hours a week.

Assistant Professor Keating

7. Tuberculosis clinic. Sections. Fridays, 9 to 11.

Doctors Moore, Everett and Drummond

8. Amphitheatre clinic. Tuesdays, 10 to 12.

Professor Thayer

SURGERY

Professors King, Brock and Bradford, and Doctors Twitchell, Gilson, Williamson, Leighton, Haskell, Files, Haney and Drummond.

1. General Surgery: Wednesday, Friday and Saturday, 8 to 9.

This course is for third year students. They will be especially instructed in bandaging, surgical technique, the

administration of anaesthetics, the use of surgical instruments, the principles of surgery, general surgery, fractures, dislocations and hernias. This will enable them to enter upon their fourth year with a comprehensive view of surgery.

2. Clinical General Surgery: Maine General Hospital, Thursday, 10. Mason Dispensary, Monday, 12 to 1. City Hospital, Friday, 4 to 6.

This course is for third year students. The clinic at the Maine General Hospital will be given by a member of the visiting staff. The clinical instruction at the Mason Dispensary and City Hospital will be given by the professor of surgery.

3. Special Surgery: Monday and Tuesday, 9 to 10. Thursday, 5 to 6.

This course is for fourth year students. They will be instructed in the special surgery of the various organs and tissues of the body, except those taught in special departments.

4. Clinical Special Surgery: Ward visits in sections at the Maine General Hospital, Monday, Tuesday, Thursday and Saturday, 11 to 1. Operations in the amphitheatre. Operations by students on the cadaver.

This course is for fourth year students. They will be notified by telephone of accident cases brought to the Hospital. They will also be afforded opportunities by the surgical staff of the Mason Dispensary of observing and assisting in the care of cases in their daily service. The surgical clinical advantages of the City Hospital, Marine Hospital and other institutions in Portland will be utilized. While a large amount of surgical clinical material is available, it is the purpose of the School to use it in a way to strengthen and not lead to the neglect of other and essential studies.

MATERIA MEDICA, PHARMACOLOGY AND THERAPEUTICS

Professor Hunt and Doctor Derry.

1. Pharmacology. First half year: Monday, 9-10; Tuesday, 8-9.

This is a text-book course of thirty hours for third year men. It gives the student a general idea of the action of the more important drugs.

2. Laboratory Materia Medica and Pharmacology. First half year: Monday, 4-6; Thursday, 4-6.

This is a laboratory course of sixty hours for third year men. Early in the course are taken up Botany, Plant Chemistry, the manufacture of pharmaceutical preparations and the study of incompatibles. The last three-fourths of the course are devoted to experimental pharmaco-dynamics. The students perform experiments, either individually or in groups, on living animals. These experiments give the students a first-hand knowledge of the action of the more important drugs.

3. Pharmacology and Therapeutics. Second half year: Monday, 9-10; Tuesday, 8-9.

This is a lecture course for third year men of thirty hours. Instruction is by lectures and quizzes. The systematic study of drugs and other remedial agents and their application to the treatment of disease is begun.

4. Pharmacology and Therapeutics. First half year: Monday, 11-1; Wednesday, 11-1.

This is a course of sixty hours for fourth year men and is a continuation of course 3.

5. Therapeutics. Second half year: Monday, 11-1; Wednesday, 11-1.

This is a text book course of sixty hours for fourth year men.

The total number of hours of instruction in this department is 240.

MEDICAL ETHICS

PROFESSOR GERRISH.

A course of lectures on the moral principles, which should control the conduct of the medical practitioner, is given in the last half of the fourth year. The sections of the formal code of ethics are discussed and explained, especial emphasis being laid

upon those portions that most need elucidation; and instruction is given upon various other matters concerning duty, on which the young physician particularly needs advice and guidance.

PEDIATRICS

PROFESSOR WEBSTER

1. During the first half year recitations based on text-book, together with clinical demonstrations at the Children's Hospital. During the second half year, recitations will be conducted by the case teaching method, emphasizing differential diagnosis and treatment. Monday, 10 A. M., Medical School. Wednesday, 10 A. M., Children's Hospital.

2. Clinical instruction of small sections throughout the year. Tues., Thurs. and Sat., 11 A. M. to 1 P. M., at the Portland Charitable Dispensary.

(a) Infant care and feeding at the Portland Milk Station clinic.

(b) Diseases and disorders of children at the Dispensary clinic.

3. Clinical instruction in acute diseases of childhood at the Children's Hospital and at the Female Orphan Asylum and in acute contagious diseases at the Portland Isolation Hospital. By appointment throughout the school year.

GYNECOLOGY

PROFESSOR THOMPSON, DOCTOR WILLIS BEAN MOULTON, DOCTOR PHILIP P. THOMPSON.

1. Lectures, quizzes, recitations and demonstrations. Third year students: Wednesday, 10 A. M., throughout the year.

PROFESSOR THOMPSON

2. Course in the examination of female patients. History-taking, Instruction in "Touch Examinations." Dispensary, Monday and Thursday, 11 A. M., throughout the year. For 4th year students.

DR. W. BEAN MOULTON
DR. PHILIP P. THOMPSON

3. A course for 4th year students in the microscopical examination of fresh and prepared sections from gynecological cases 12 hours during the spring semester.

DR. W. BEAN MOULTON

4. Gynecological operations at the Maine General Hospital of which notice is given.

OPHTHALMOLOGY AND OTOLOGY

PROFESSOR WILLIS BRYANT MOULTON, DOCTOR MORAN AND DOCTOR LITTLE.

1. Lecture and quiz course one hour each week during the school year.

2. Regular clinics will be held one hour each week at the Maine General Hospital during the school year. Here patients will be examined and operations performed before the class as cases are available and opportunity offers.

Clinics will also be held at the Dispensary two hours a week which will be available for students not otherwise engaged at the time.

3. Fourth year students will receive instruction in sections at the Eye and Ear Infirmary.

MEDICAL JURISPRUDENCE

LECTURER PAYSON.

The instruction in Medical Jurisprudence, in a course of lectures followed by an examination, will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients and also to their character and position as medical expert witnesses in Courts of Justice. Practical suggestions will be given for guidance in both respects.

PUBLIC HYGIENE

LECTURER EVANS.

Tuesdays, 3 to 5. First half-year.

Principles of public sanitation. Source and character of water supplies. Collection and disposal of waste, with

special reference to preventable diseases. Sanitary legislation. Health boards. Management of infectious diseases.

NEUROLOGY

LECTURER SWIFT.

Tuesday and Friday, 5 to 6. Clinics. Lectures. Laboratory work. Recitations.

MENTAL DISEASES

LECTURER MILLER.

Four entire Saturdays at the Maine Insane Hospital. Lectures. Laboratory demonstrations. Clinics. Individual study of cases.

GENITO-URINARY SURGERY

PROFESSOR ALFRED MITCHELL, JR.

Didactic and clinical lectures. Dispensary. One hour a week. Clinic, sections, one hour a week.

DERMATOLOGY

PROFESSOR PUDOR.

Didactic and clinical lectures. Dispensary. One hour a week. Clinic, sections, one hour a week.

DISEASES OF THE NOSE AND THROAT

PROFESSOR DAVIS.

The third-year class will receive special instruction, both didactic and clinical, in Diseases of the Nose and Throat, weekly, throughout the course. Special attention will be given to the anatomy of the parts, to diagnosis, and to the clinical study of the conditions which the general practitioner is most often called upon to treat. Clinical instruction will continue through the fourth year.

ORTHOPEDIC SURGERY

PROFESSOR ABBOTT AND DOCTORS PINGREE AND LAMB.

Didactic and clinical lectures. Children's Hospital. One hour a week. Individual instruction in plaster-work, orthopedic dressings, and studies in the use of the X-ray, afternoons throughout the year.

SCHEDULE FOR FIRST YEAR

A. M.	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30	*Histology	*Anatomy §Anatomy	Physiology	*Osteology ‡Anatomy §Anatomy	§Anatomy	Physiology
9.30	*Histology	*‡Anatomy §Anatomy	Physiology	*Osteology ‡Anatomy §Anatomy	*‡Anatomy §Anatomy	Physiology
10.30	*Histology †Embryology	§Anatomy		§Anatomy	‡Hygiene §Anatomy	
11.30	*Embryology				‡Hygiene	
P. M. 1.30	*Chemistry	†Embryology	*Chemistry §Anatomy	*Histology ‡Hygiene §Anatomy	*Chemistry	§Anatomy
2.30	Chemistry	†Embryology	*‡Chemistry §Anatomy	*Histology ‡Hygiene §Anatomy	Chemistry	§Anatomy
3.30	Chemistry	†Embryology	*‡Chemistry §Anatomy	*Histology ‡Hygiene §Anatomy	Chemistry	§Anatomy
4.30	†Chemistry	†Embryology	‡Chemistry		†Chemistry	

* First half year. ‡ Second half year except from April 8–21, 1913.
† Second half year. § Dissecting second half year April 8—May 21, 1913.

SCHEDULE FOR SECOND YEAR

A. M.	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30	*Physiology †Anatomy	‡Anatomy †Anatomy	‡Physiology †Anatomy	†Anatomy	‡Anatomy †Anatomy	‡Physiology †Anatomy
9.30	*Physiology †Anatomy	‡Anatomy †Anatomy	‡Physiology †Anatomy	‡Chemistry †Anatomy	†Anatomy	‡Physiology †Anatomy
10.30	†Anatomy	†Anatomy	†Anatomy	‡Chemistry †Anatomy	†Anatomy	†Anatomy
P. M. 1.30	‡Pathology Bacteriology †Anatomy	‡Pathology & Bacteriology †Anatomy	‡Pathology & Bacteriology †Anatomy	†Anatomy	‡Pathology & Bacteriology †Anatomy	†Anatomy
2.30	‡Pathology & Bacteriology †Anatomy	‡Pathology & Bacteriology †Anatomy	‡Pathology & Bacteriology †Anatomy	‡Chemistry †Anatomy	‡Pathology & Bacteriology †Anatomy	†Anatomy
3.30	‡Pathology & Bacteriology †Anatomy	‡Pathology & Bacteriology †Anatomy	‡Pathology & Bacteriology †Anatomy	‡Chemistry †Anatomy	‡Pathology & Bacteriology †Anatomy	†Anatomy
4.30	‡Pathology & Bacteriology †Anatomy	‡Pathology & Bacteriology †Anatomy	‡Pathology & Bacteriology †Anatomy	†Anatomy	‡Pathology & Bacteriology †Anatomy	†Anatomy

* January—February—March.
† Dissecting—April 8—May 21, 1913.
‡ Except from April 8—May 21, 1913.

SCHEDULE FOR THIRD YEAR

All exercises are held in the School Building on Chadwick Street, unless otherwise specified.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8—9	Materia Medica	Materia Medica	Surgery	Medicine	Surgery	Surgery
9—10	Obstetrics	Obstetrics	Gynecology	Eye and Ear Clinic Me. Gen. Hosp.	Obstetrics	
10—11		Medical Clinic Me. Gen. Hosp. Amphitheatre		Surgical Clinic Me. Gen. Hosp. Amphitheatre		
11—12	Dispensary Clinic Sections	Dispensary Clinic Sections	Dispensary Clinic Sections	Dispensary Clinic Sections	Dispensary Clinic Sections	Dispensary Clinic Sections
12—1	Dispensary Surgery	Dispensary Genito Urinary Surgery	Dispensary Eye and Ear	Dispensary Skin	Dispensary Nose and Throat	Dispensary Medicine
2—3		†Clin. Pathology	†Clin. Pathology			
3—4		*Public Hygiene †Clin. Pathology	†Clin. Pathology			
4—5	Materia Medica	*Public Hygiene †Clin. Pathology	Med. Diagnosis City Hospital	Materia Medica	Surg. Diagnosis City Hospital	
5—6	Materia Medica	Medicine	Med. Diagnosis City Hospital	Materia Medica	Surg. Diagnosis City Hospital	

* First half year. † Second half year.

SCHEDULE FOR FOURTH YEAR

All exercises are held in the School Building on Chadwick Street, unless otherwise specified.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8—9	Infirmary. Clinics daily. Sections. Diseases of Eye and Ear, Nose and Throat, Nervous System.					Clinics and Lectures by special announcement.
9—10	Surgery	Surgery	Orthopedics Children's Hosp	Eye, Ear Clinic Me. Gen. Hosp.	T. B. Class	Surgery Medicine, Nervous and Mental Diseases, Pediatrics, G. U. Surgery, Medical Jurisprudence, Medical Ethics.
10—11	Pediatrics	Medicine Amphitheatre	Pediatrics Children's Hosp	Surgery Amphitheatre	T. B. Class	
11—12	Dispensary Gynecology M. G. Hospital Sections Surgery	Dispensary Pediatrics M. G. Hospital Sections Surgery	Pharmacol. and Therapeutics	Dispensary Gyn. Ped. M. G. Hospital Sections Surgery	Pharmacol. and Therapeutics	
12—1	Dispensary Gynecology M. G. Hospital Sections Surgery	Dispensary Pediatrics M. G. Hospital Sections Surgery	Pharmacol. and Therapeutics	Dispensary Gyn. Ped. M. G. Hospital Sections Surgery	Pharmacol. and Therapeutics	
3—4	M G Hosp Clinic Section Medicine Children's Hospital Section	M G Hosp Clinic Section Medicine Children's Hospital Section	M G Hosp Clinic Section Medicine Children's Hosp Section	M G Hosp Clinic Section Medicine Children's Hospital Section	M G Hosp Clinic Section Medicine Children's Hosp Section	
4—5	M G Hosp Clinic Section Medicine Children's Hospital Section	M G Hosp Clinic Section Medicine Children's Hospital Section	M G Hosp Clinic Section Medicine Children's Hosp Section	M G Hosp Clinic Section Medicine Children's Hospital Section	M G Hosp Clinic Section Medicine Children's Hosp Section	
5—6	Medicine	Neurology Children's Hosp	Medicine	Surgery	Neurology Children's Hosp	

CALENDAR.

1912.

17 October—Thursday. Entrance Examinations: for first year students at nine o'clock, A. M., in Brunswick.

18 October—Friday. Re-examinations, deferred examinations and examinations for advanced standing for second year, in Brunswick, in Anatomy, at nine o'clock A. M.; in Physiology at two o'clock, P. M.; in Chemistry as appointed by the Professor.

19 October—Saturday. Re-examinations, deferred examinations and examinations for advanced standing for third year, in Portland, in Anatomy at nine o'clock, A. M.; in Physiology at two o'clock, P. M.; in Chemistry as appointed by the Professor.

Re-examinations, deferred examinations and examinations for those wishing to enter the fourth year will be held in Portland on Friday and Saturday, October 18 and 19, at hours to be hereafter appointed.

Thanksgiving Recess from Wednesday, November 27, 1.30 P. M. to Monday, December 2, 8 A. M.

Recess from 11.00 A. M. Saturday, December 21, to Thursday, January 2, 8 A. M.

1913.

22 February—Saturday, Washington's Birthday. Holiday. No exercises.

Recess from noon of Saturday, March 29, to morning of Tuesday, April 8.

30 May—Friday, Memorial Day. Holiday. No exercises.

11 to 25 June—Examinations. Wednesday to Wednesday of second week.

25 June—Wendesday. Commencement.

Summer vacattion of sixteen weeks.